

Date: Sat, 15 May 93 05:00:37 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #587
To: Info-Hams

Info-Hams Digest Sat, 15 May 93 Volume 93 : Issue 587

Today's Topics:

 BULLETIN: Correction to Daily Report for 12 May
 Daily Solar Geophysical Data Broadcast for 13 May
 HTX-202 going on sale
 Operating in Mexico
 question about Radio Shack 2-MTR HT
 Weekly Solar Terrestrial Forecast & Review for 14 May

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 May 93 02:22:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: BULLETIN: Correction to Daily Report for 12 May
To: info-hams@ucsd.edu

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ADMINISTRATIVE BULLETIN

09 March, 1993

Correction to Daily Report for 12 May

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

An error was reported in the daily SGDB report for 12 May. The GOES-7
magnetic data (which has been in error since about 02 May) was incorrectly

reported and may cause problems with the BCAST software during extraction.
A corrected copy appears below:

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 132, 05/12/93
10.7 FLUX=126.4  90-AVG=126          SSN=126          BKI=2333 2342  BAI=013
BGND-XRAY=B4.0    FLU1=1.2E+06  FLU10=1.2E+04  PKI=3333 3333  PAI=014
  BOU-DEV=010,025,027,024,014,036,048,018  DEV-AVG=025 NT    SWF=00:000
  XRAY-MAX= C3.2  @ 1801UT    XRAY-MIN= B3.1  @ 2032UT    XRAY-AVG= B5.8
NEUTN-MAX= +001% @ 1815UT    NEUTN-MIN= -004% @ 0705UT    NEUTN-AVG= -1.0%
  PCA-MAX= +0.2DB @ 2130UT    PCA-MIN= -0.1DB @ 1955UT    PCA-AVG= +0.0DB
BOUTF-MAX=55405NT @ 2332UT    BOUTF-MIN=55360NT @ 2021UT    BOUTF-AVG=55383NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT    G7-AVG=+000,+000,+000
GOES6-MAX=P:+118NT@ 1808UT    GOES6-MIN=N:-108NT@ 2351UT    G6-AVG=+092,-017,-055
  FLUXFCST=STD:130,130,130;SESC:130,130,130  BAI/PAI-FCST=010,010,015/010,020,020
  KFCST=2224 4222 2224 4222  27DAY-AP=029,015  27DAY-KP=4555 2244 3533 3222
  WARNINGS=*SWF
  ALERTS=
!!END-DATA!!
```

** End of Bulletin **

Date: 14 May 93 02:58:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 13 May
To: info-hams@ucsd.edu

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 133, 05/13/93
10.7 FLUX=119.8  90-AVG=126          SSN=093          BKI=3200 1022  BAI=004
BGND-XRAY=B3.5    FLU1=7.2E+05  FLU10=1.2E+04  PKI=3212 1232  PAI=008
  BOU-DEV=030,019,004,003,008,004,012,014  DEV-AVG=011 NT    SWF=00:000
  XRAY-MAX= C9.7  @ 1123UT    XRAY-MIN= B2.9  @ 1935UT    XRAY-AVG= B6.4
NEUTN-MAX= +002% @ 1835UT    NEUTN-MIN= -004% @ 0215UT    NEUTN-AVG= -0.3%
  PCA-MAX= +0.1DB @ 2325UT    PCA-MIN= -0.1DB @ 2025UT    PCA-AVG= +0.0DB
BOUTF-MAX=55405NT @ 0158UT    BOUTF-MIN=55364NT @ 1747UT    BOUTF-AVG=55387NT
GOES7-MAX=P:+000NT@ 0000UT    GOES7-MIN=N:+000NT@ 0000UT    G7-AVG=+000,+000,+000
GOES6-MAX=P:+130NT@ 1850UT    GOES6-MIN=N:-122NT@ 0127UT    G6-AVG=+095,-017,-059
  FLUXFCST=STD:120,120,115;SESC:120,120,115  BAI/PAI-FCST=015,015,015/020,015,020
  KFCST=3344 3333 3344 3333  27DAY-AP=015,010  27DAY-KP=3533 3222 2333 2232
  WARNINGS=*SWF
  ALERTS=
!!END-DATA!!
```

NOTE: The Effective Sunspot Number for 12 MAY 93 was 47.5.
The Full Kp Indices for 12 MAY 93 are: 3- 3o 3o 3- 3o 3o 3+ 3o

Date: 14 May 93 02:27:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: HTX-202 going on sale
To: info-hams@ucsd.edu

> I recently purchased a Radio Shack HTX-202 HT... <RFI stuff deleted>

> I believe they will be on sale for ~\$200.00 soon. It will be a short
> duration sale (a few days). If you bought the radio within the last
> couple of weeks then I believe you ought to see your RS store manager
> and ask for a price adjustment.
>
> It's a fine radio at its regular price and a great bargain at \$200.00.

Actually, it's going on sale the 16th and I was told by the salesperson
that I should come back and get my \$60 back. I couldn't pass up a deal like
that!

Thanks to all who commented on computer RFI.

73,
Scott

--

Scott Ginsburg	Voice: 508-436-3836
Wellfleet Communications	Internet: ginsburg@wellfleet.com
2 Federal St.	Amateur Radio: WA2CJT
Billerica, MA 01821	Packet: wa2cjt@n0ary.#nocal.ca.usa.na

Date: 14 May 93 00:42:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: Operating in Mexico
To: info-hams@ucsd.edu

Several amateurs have been asked to accompany a very large group of
teens just south of the border. The teens will be building houses
(however much work can be done in one day) and the amateurs have been
asked to provide emergency communications, should an emergency occur.

What paperwork needs to be done (and can it be done in just a few
weeks) for the hams to legally operate in Mexico?

Has anyone had any experience using 2 meters in Mexico? Do the local
(Mexican) authorities care?

I would appreciate any advice. Thanks.

73 de KD6UZY

Michael Markoski <mmarkosk@csulb.edu>

Date: 14 May 93 13:31:23
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!caen!rphroy!
link.ph.gmr.com!vbreault@network.UCSD.EDU
Subject: question about Radio Shack 2-MTR HT
To: info-hams@ucsd.edu

In article <C6zoB1.4Dv@csc.ti.com> marshal@dadd.ti.com (Marshal Peterson) writes:

My apologies to Val Breault - N80EF - vbreault@gmr.com for accidentally
sending his post. This was my first post and I messed up big time! :-(

Regards,
Marshal

Hey, don't worry about it.... You've got to WORK at it to get me upset.

Welcome to the net. Feel free to jump in any time and share your
wisdom/opinion/observation/frustration/anger/happiness/wonderment...
with us any time. Some may flame from time to time but it's an
empty bucket that makes the most noise. (My granddad used to say that.)

--
Val Breault - N80EF - vbreault@gmr.com \ /|
Instrumentation dept GM NAO R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___

Date: 13 May 93 20:11:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: Weekly Solar Terrestrial Forecast & Review for 14 May
To: info-hams@ucsd.edu

--- SOLAR TERRESTRIAL FORECAST AND REVIEW ---
May 14 to May 23, 1993

Report Released by Solar Terrestrial Dispatch
P.O. Box 357, Stirling, Alberta, Canada
T0K 2E0

Accessible BBS System: (403) 756-3008

SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

10-DAY SOLAR/RADIO/MAGNETIC/AURORAL ACTIVITY OUTLOOK

NOTE: We have replaced the "Solar Activity" column with forecast values of the 10.7 cm solar radio flux. These values are "best estimates" compiled at the time of this report.

	10.7 cm	HF Propagation							+/-	CON	SID	AU.BKSR				DX	Mag	Aurora		
	SolrFlx	LO	MI	HI	PO	SWF	%MUF	%	ENH	LO	MI	HI	LO	MI	HI	%	K Ap	LO	MI	HI
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	120	G	G	P	P	30	-20	65	30	NA	NA	NA	03	10	25	30	4 22	NV	LO	MO
15	120	G	G	P	F	30	-20	65	30	NA	NA	NA	03	10	25	30	4 20	NV	LO	MO
16	115	G	G	F	F	30	-15	65	30	NA	NA	NA	03	10	25	30	3 15	NV	NV	MO
17	115	G	G	P	P	30	-20	65	30	NA	NA	NA	03	10	25	30	3 15	NV	NV	LO
18	110	VG	G	F	F	30	-15	65	30	NA	NA	NA	02	05	15	30	3 13	NV	NV	LO
19	110	VG	G	F	F	30	-15	65	30	NA	NA	NA	02	05	15	30	3 15	NV	NV	MO
20	115	VG	G	F	F	30	-10	65	30	NA	NA	NA	02	05	15	35	3 13	NV	NV	LO
21	115	VG	G	F	F	30	-10	65	30	NA	NA	NA	02	10	20	35	3 12	NV	NV	LO
22	115	VG	G	F	F	30	-10	65	30	NA	NA	NA	02	10	20	35	3 10	NV	NV	LO
23	110	VG	G	F	F	30	-10	65	30	NA	NA	NA	02	10	20	35	3 10	NV	NV	LO

DEFINITIONS:

Date (day only)

10.7 cm SOLaR radio FLuX forecast

HF Propagation Conditions for LOw, MIddle, HIgh, and POlar areas (see below)

HF Short Wave Fade Probability (in %)

HF Maximum Usable Frequency in +/- percent above seasonal normals.

HF Prediction CONfidence Level (in %)

VHF Sudden Ionospheric ENHancement Probs (in %), weighted for low-mid lats

PROBability of "s"poradic E (Es) during the UT day for low, mid and high lats

VHF AUroral BackScatteR Probs (in %) for LOw, MIddle and HIgh Latitudes

VHF Overall Global DX Potential (in %) - weighted for Low and Middle latitudes

Geomagnetic Activity Kp Index (peak value - see below)

GeoMAGnetic Activity Ap Index (peak value - see below)

AURORAL Activity for LOw, MIddle and HIgh Latitudes (see below)

HF Prop. Quality rated as: EG=Extremely Good, VG=Very Good, G=Good, F=Fair, P=Poor, VP=Very Poor, EP=Extremely Poor.

Probability of Sporadic E (Es) for the various latitudes is given in percent.

Kp Planetary Index rated: 0=V.Quiet, 1=Quiet, 2=Unstld, 3=Active, 4=V.Active, 5=Minor Storm, 6=Major Storm, 7=Maj-Sev Storm, 8=Severe Storm, 9=V.Severe.

Chart Start Date: Day #073

This graph is determined by plotting the greater of either the planetary A-index or the Boulder A-index. Graph lines are labelled according to the severity of the activity which occurred on each day. The left-hand column represents the associated A-Index for that day.

CUMULATIVE GRAPHICAL CHART OF THE 10.7 CM SOLAR RADIO FLUX

Chart Start: Day #075

GRAPHICAL ANALYSIS OF 90-DAY AVERAGE SOLAR FLUX

```

136 | -----
135 | ***
134 | *****
133 | *****
132 | *****
131 | *****
130 | *****
129 | *****
128 | *****
127 | *****
126 | *****
125 | *****

```

Chart Start: Day #075

NOTES:

The 10.7 cm solar radio flux is plotted from data reported by the Penticton Radio Observatory (formerly the ARO from Ottawa). High solar flux levels denote higher levels of activity and a greater number of sunspot groups on the Sun. The 90-day mean solar flux graph is charted from the 90-day mean of the 10.7 cm solar radio flux.

CUMULATIVE GRAPHICAL CHART OF SUNSPOT NUMBERS

```

182 | -----
174 |
166 |
158 |
150 |
142 |
134 |
126 |
118 |
110 |
102 |
094 |
086 |
078 |
070 |

```



```

062 | *****|*****|*****|
054 | *****|*****|*****|
046 | *****|*****|*****|
038 | *****|*****|*****|
030 | *****|*****|*****|
022 | *****|*****|*****|
-----

```

Chart Start: Day #075

NOTES:

The graphical chart of sunspot numbers is created from the daily sunspot number counts as reported by the SESC.

HF RADIO SIGNAL PROPAGATION PREDICTIONS (14 MAY - 23 MAY)

High Latitude Paths

CONFIDENCE LEVEL	EXTREMELY GOOD												
	VERY GOOD												
	GOOD												
	FAIR	**	**	**	**	***	***	***	***	***	***	***	***
	POOR	*	*	*	*								
	VERY POOR												
70%	EXTREMELY POOR												
-----		---	---	---	---	---	---	---	---	---	---	---	---
PROPAGATION		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
QUALITY		Given in 8 Local-Hour Intervals											

Middle Latitude Paths

CONFIDENCE LEVEL	EXTREMELY GOOD												
	VERY GOOD												
	GOOD	**	**	***	**	***	***	***	***	***	***	***	***
	FAIR	*	*		*								
	POOR												
	VERY POOR												
70%	EXTREMELY POOR												
-----		---	---	---	---	---	---	---	---	---	---	---	---
PROPAGATION		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
QUALITY		Given in 8 Local-Hour Intervals											

Low Latitude Paths

EXTREMELY GOOD													
VERY GOOD								*	*	*	*		

0%	***	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	*
20%	***	***	***	***	***	***	***	***	***	***	***	20%	*	*	*	*	*	*	*	*	*	*
40%	***	***	***	***	***	***	***	***	***	***	***	40%	*	*	*	*	*	*	*	*	*	*
60%	***	***	***	***	***	***	***	***	***	***	***	60%										
80%												80%										
100%												100%										
=====	===	===	===	===	===	===	===	===	===	===	===		-----									
100%												100%										
80%												80%										
60%												60%										
40%	*	*	*	*	*	*	*	**	**	**	**	40%										
20%	***	***	***	***	***	***	***	***	***	***	***	20%	*	*								
0%	***	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	*
-----	---	---	---	---	---	---	---	---	---	---	---		-	-	-	-	-	-	-	-	-	-
CHANCE OF	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun			F	S	S	M	T	W	T	F	S	S
VHF DX	Given in 8 hour local time intervals												AURORAL BACKSCATTER									
-----	-----												-----									

LOW LATITUDES

FORECAST	Given in 8 hour local time intervals											SWF/SID ENHANCEMENT									
CONFIDENCE	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		F	S	S	M	T	W	T	F	S	S
-----	---	---	---	---	---	---	---	---	---	---		-	-	-	-	-	-	-	-	-	-
0%	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	*
20%	***	***	***	***	***	***	***	***	***	***	20%	*	*	*	*	*	*	*	*	*	*
40%	***	***	***	***	***	***	***	***	***	***	40%	*	*	*	*	*	*	*	*	*	*
60%	***	***	***	***	***	***	***	***	***	***	60%										
80%											80%										
100%											100%										
=====	===	===	===	===	===	===	===	===	===	===		-----									
100%											100%										
80%											80%										
60%				*	*	*	*	*	*	*	60%										
40%	***	***	***	***	***	***	***	***	***	***	40%										
20%	***	***	***	***	***	***	***	***	***	***	20%										
0%	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	*
-----	---	---	---	---	---	---	---	---	---	---		-	-	-	-	-	-	-	-	-	-
CHANCE OF	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun		F	S	S	M	T	W	T	F	S	S
VHF DX	Given in 8 hour local time intervals											AURORAL BACKSCATTER									
-----	-----											-----									

NOTES:

These VHF DX prediction charts are defined for the 30 MHz to 220 MHz bands. They are based primarily on phenomena which can affect VHF DX propagation globally. They should be used only as a guide to potential DX conditions on VHF bands. Latitudinal boundaries are the same as those for the HF predictions charts.

AURORAL ACTIVITY PREDICTIONS (14 MAY - 23 MAY)

High Latitude Locations

CONFIDENCE LEVEL ----- 70%	EXTREMELY HIGH											
	VERY HIGH											
	HIGH											
	MODERATE	***	***	*	*		*					
	LOW	***	***	***	***	***	***	***	***	***	***	***
	NOT VISIBLE	***	***	***	***	***	***	***	***	***	***	***

	AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	INTENSITY	Eve.Twilight/Midnight/Morn.Twilight										

Middle Latitude Locations

CONFIDENCE LEVEL ----- 70%	EXTREMELY HIGH											
	VERY HIGH											
	HIGH											
	MODERATE											
	LOW	*	*									
	NOT VISIBLE	***	***	***	***	***	***	***	***	***	***	***
	-----	---	---	---	---	---	---	---	---	---	---	---
	AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	INTENSITY	Eve.Twilight/Midnight/Morn.Twilight										

Low Latitude Locations

CONFIDENCE LEVEL ----- 85%	EXTREMELY HIGH											
	VERY HIGH											
	HIGH											
	MODERATE											
	LOW											
	NOT VISIBLE	***	***	***	***	***	***	***	***	***	***	***
-----		---	---	---	---	---	---	---	---	---	---	
	AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	INTENSITY	Eve.Twilight/Midnight/Morn.Twilight										

NOTE:

A Dynamic Auroral Oval Simulation and Prediction Software Package is available to help make predictions and show the locations where auroral activity should be visible from the ground. For more information regarding this software, contact: "Oler@Rho.Uleth.CA", or "COler@Solar.Stanford.Edu".

For more information regarding these charts, send a request for the document, "Understanding Solar Terrestrial Reports" to: "Oler@Rho.Uleth.Ca" or to: "COler@Solar.Stanford.Edu". This document, as well as others and related data/forecasts exist on the STD BBS at: (403) 756-3008.

** End of Report **

Date: 15 May 93 00:20:02 GMT
From: pacbell.com!amdahl!amdahl!ikluft@decwrl.dec.com
To: info-hams@ucsd.edu

References <1stqqgINNk8q@mojo.eng.umd.edu>, <1t00h3INNljq@rave.larc.nasa.gov>,
<1t0lctINNf4i@mojo.eng.umd.edu>
Subject : Re: CFV to reorganize this group

chuck@eng.umd.edu (Chuck Harris - WA3UQV) writes:
>Ok, I'll rephrase the above: "Abstaining is how we get these groups that pass
>with 100 "yes" votes, 0 "no" votes (and 40,000 abstentions)."
>
>Did the ratios of yes's to abstentions change all that much?

I think we're still miscommunicating on something here. It is possible to abstain on a single newsgroup while casting votes for the ones you have an opinion on. The ballot form in the CFV allows for separate votes on each newsgroup consisting of yes, no, or abstain. The voting form on the CFV has an example for each of yes, no and abstain.

No one is suggesting that anyone entirely abstain/refrain from voting. (Is that what you meant by 40000 abstentions?)

BTW, I've received a bunch of requests for copies of the CFV by e-mail. (Some people or sites may have missed it.) To save me some time from manually sending it each time, I've made a mail-in program that will send a copy of the official CFV as posted by David Lawrence (moderator of news.announce.newgroups.) The script that sends the reply will not read your mail so you don't need to say anything in it. Just send a message to
cfv-request@uts.amdahl.com
and the script will send you a copy.

--
Ian Klufft KD6EUI PP-ASEL Amdahl Corporation, Open Systems Development
ikluft@uts.amdahl.com Santa Clara, CA
[disclaimer: any opinions expressed are mine only... not those of my employer]

End of Info-Hams Digest V93 #587
